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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	CP-2019-08-29-99 **Date: 28-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-06-19
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	26-06-19
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

SLNo.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.08	–
2	Finess by Air permeablity method (m^2/kg,Min)	298.6	225m^2/kg, Min
3	Density (gm/cc)	3.13	–
4	Standard Consistency (%)	29.0%	Not specified
5	Initial Setting time	140 minutes	Not less than 30 minutes
6	Final Setting time	270 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	2mm	Not more than 10 mm

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2019-08-29-99** **Date: 24-07-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-06-19
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	26-06-19
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	29.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.5N/mm^2	Not less than 37 N/mm^2
3	28 Days	59.5N/mm^2	Not less than 53 N/mm^2

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2019-08-29-99** **Date: 28-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	25-06-19
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	25-06-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : **15000** grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	214	214	1.4	98.6	90-100
3	20 mm	7453	7667	51.1	48.9	30-70
4	10 mm	4267	11934	79.6	20.4	10-35
5	4.75 mm	2845	14779	98.5	1.5	0-5
6	Pan	221	15000	100.0	0	---

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2019-08-29-99** **Date: 27-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-06-19
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	25-06-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	298	298	6.0	94.0	90-100
3	10 mm	2643	2941	58.8	41.2	25-55
4	4.75 mm	1813	4754	95.1	4.9	0-10
5	Pan	246	5000	100	0	-

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TEST REPORT OF FINE AGGREGATE

Lab ID	:	**CP-2019-08-29-99**
		Date: 27-06-19
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-06-19
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	25-06-19
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	28	28	2.8	97.2	90-100	90-100	90-100	95-100
3	2.36 mm	54	82	8.2	91.8	60-95	75-100	85-100	95-100
4	1.18 mm	237	319	31.9	68.1	30-70	55-90	75-100	90-100
5	600 micron	205	524	52.4	47.6	15-34	35-59	60-79	80-100
6	300 micron	203	727	72.7	27.3	5-20	8-30	12-40	15-50
7	150 micron	193	920	92.0	8.0	0-10	0-10	0-10	0-15
8	Pan	80	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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TEST RESULTS OF STEEL

Lab ID	:	CP-2019-08-29-99
		Date: 02-07-19
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-06-19
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012
Date of test:	:	30-06-19

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.392	514	654	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.618	530	674	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	546	670	20.0%	Satisfactory	Satisfactory

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TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2019-08-29-99** **Date: 28-08-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-08-19
Sample Type /Size	:	Precast Cover Slab(100mm)
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	23/08/2019

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.52	100.49	1.118	4478	80.8	18.0	16.8	21.0
2	Cover Slab-2	75.48	100.51	1.124	4474	82.4	18.4	17.1	21.4
3	Cover Slab-3	75.52	100.52	1.116	4478	81.7	18.2	17.0	21.2

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/07/2019

Lab ID	:	CP-2019-08-29-99
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-07-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS. 516 - 1959 Methods of Tests for Strength of Concrete Cl 5
Date of test	:	09/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	151.21 X 151.70 X 149.72	22939	8.626	434.5	18.9	18.7
2	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	151.26 X 150.73 X 149.55	22799	8.828	421.6	18.5	
3	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	149.34 X 149.68 X 150.74	22352	8.380	416.5	18.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/07/2019

Lab ID	:	CP-2019-08-29-99
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-07-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	151.63 X 151.32 X 150.78	22946	8.626	433.2	18.9	18.8
2	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	151.52 X 150.41 X 150.79	22790	8.828	423.0	18.6	
3	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	149.22 X 149.16 X 150.88	22257	8.380	420.6	18.9	

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 10/07/2019

Lab ID	:	CP-2019-08-29-99
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises). No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-07-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS. 516 - 1959 Methods of Tests for Strength of Concrete Cl 5
Date of test	:	10/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/07/2019	10/07/2019	149.28 X 151.76 X 149.63	22655	8.626	429.7	19.0	18.8
2	Drain Side Wall Concrete	M20	03/07/2019	10/07/2019	151.54 X 150.81 X 149.37	22853	8.828	433.8	19.0	
3	Drain Side Wall Concrete	M20	03/07/2019	10/07/2019	150.43 X 149.96 X 151.79	22559	8.380	416.1	18.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 31/07/2019

Lab ID	:	CP-2019-08-29-99
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-07-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5
Date of test	:	31/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/07/2019	31/07/2019	150.31 X 150.56 X 149.49	22631	8.644	540.8	23.9	23.1
2	Drain Side Wall Concrete	M20	03/07/2019	31/07/2019	151.23 X 149.45 X 149.41	22601	8.448	508.1	22.5	
3	Drain Side Wall Concrete	M20	03/07/2019	31/07/2019	150.09 X 149.20 X 149.14	22393	8.958	515.6	23.0	

Note:
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R RUDRAPRASAD
Authorized Signatory
Technical Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 10/07/2019

Lab ID	:	CP-2019-08-29-99
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73
Customer's Reference	:	EE(YNK D)E-PMT-09/W O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-07-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	10/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/07/2019	10/07/2019	150.74 X 151.97 X 149.83	22909	8.626	417.1	18.2	18.3
2	Drain Side Wall Concrete	M20	03/07/2019	10/07/2019	149.73 X 149.21 X 151.48	22340	8.828	413.6	18.5	
3	Drain Side Wall Concrete	M20	03/07/2019	10/07/2019	151.53 X 150.13 X 150.16	22749	8.380	415.9	18.3	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-08-29-99 Date: 31/07/2019

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Jyothi Nagara IN Ward No 03.

Agency : Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/24/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 05-07-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 31/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/07/2019	31/07/2019	151.01 X 150.99 X 149.03	22802	8.644	541.9	23.8	23.3
2	Drain Side Wall Concrete	M20	03/07/2019	31/07/2019	151.95 X 151.21 X 149.04	22976	8.448	516.0	22.5	
3	Drain Side Wall Concrete	M20	03/07/2019	31/07/2019	150.33 X 150.13 X 150.19	22569	8.958	537.5	23.8	

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Authorized Signatory
Technical Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexports@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 06/07/2019

Lab ID	:	CP-2019-08-29-99
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor.Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-07-19
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5
Date of test	:	06/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	29/06/2019	06/07/2019	150.47 X 149.05 X 151.81	22428	8.336	272.3	12.1	12.3
2	PCC	M15	29/06/2019	06/07/2019	151.49 X 151.62 X 151.29	22970	8.110	281.9	12.3	
3	PCC	M15	29/06/2019	06/07/2019	151.38 X 150.03 X 150.86	22711	8.986	280.8	12.4	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2019-08-29-99 Date: 27/07/2019
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Jyothi Nagara IN Ward No 03.
Agency	:	Sri.Kiran Gowda D (SRI Channakeshawa Enterprises), No.882 Monika Nilaya, 13th Cross, Havanoor,Ext,Nagasandra Post, Bangalore-73.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/24/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-07-19
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	27/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	29/06/2019	27/07/2019	150.03 X 149.58 X 149.45	22441	8.897	401.9	17.9	17.7
2	PCC	M15	29/06/2019	27/07/2019	151.38 X 151.89 X 150.27	22994	8.495	399.4	17.4	
3	PCC	M15	29/06/2019	27/07/2019	149.20 X 150.51 X 151.86	22456	8.453	402.0	17.9	

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